



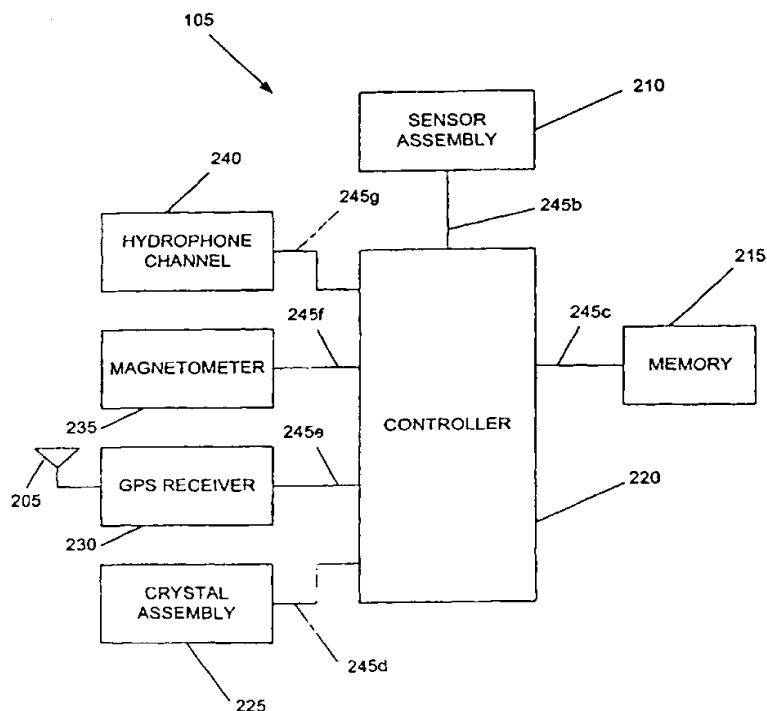
## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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| (21) International Application Number: PCT/US00/06905   |  | <p>[US/US]; 11707 Blair Meadow, Meadows Place, TX 77477 (US). WILSON, David [US/US]; 4431 Westray, Missouri City, TX 77459 (US). CAIN, Byron, Lee [US/US]; 14930 Camino Rancho, Houston, TX 77083 (US). MCMAHON, Michael, George [US/US]; 10500 Fountain Lake Drive, #417, Stafford, TX 77477 (US). DOWNEY, John, C., Jr. [US/US]; 11827 Chase Lake Drive, Houston, TX 77077 (US). ELDER, Keith [US/US]; Houston, TX (US).</p> <p>(74) Agents: MCCOMBS, David, L. et al.; Haynes and Boone, LLP, Suite 4300, 1000 Louisiana St., Houston, TX 77002 (US).</p> <p>(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW. ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> |   |
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(54) Title: ACCELEROMETER TRANSDUCER USED FOR SEISMIC RECORDING

## (57) Abstract

Method for operating and testing a sensor assembly (210). The sensor assembly (210) preferably includes accelerometers with axes of sensitivity orthogonal to each other. The method preferably includes determining sensor tilt angle, determining the position of the sensor, and synchronizing the operation of the sensor.



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